

PTO/SB/08a (08-03)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet

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of

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Complete If Known

Application Number	10/715,160
Filing Date	11/17/2003
First Named Inventor	Shaun Calvin Howick
Art Unit	3739
Examiner Name	Unknown
Attorney Docket Number	1139-005

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
B		US- 3,887,788	06/03/1975	Seibel et al.	
		US- 4,237,366	12/02/1980	Berg	
		US- 4,410,790	10/18/1983	Berg et al.	
		US- 4,527,047	07/02/1985	Seitz	
		US- 4,568,281	02/04/1986	Harvey et al.	
		US- 4,628,187	12/09/1986	Sekiguchi et al.	
		US- 4,631,391	12/23/1986	Tiepke	
		US- 4,742,741	05/10/1988	Hallberg et al.	
		US- 4,777,351	10/11/1988	Batliwalla et al.	
		US- 4,857,711	08/15/1989	Watts	
		US- 4,882,466	11/21/1989	Friel	
		US- 4,891,500	01/02/1990	Bloore	
		US- 4,910,388	03/20/1990	Lorenz et al.	
		US- 4,919,744	04/24/1990	Newman	
		US- 4,931,627	06/05/1990	Watts	
		US- 4,942,286	07/17/1990	Monter et al.	
		US- 5,015,824	05/14/1991	Monter et al.	
		US- 5,045,673	09/03/1991	Kelly	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
B		WO 02/32188	10/06/2000	Illinois Tool Works Inc.		

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Considered

1/25/07

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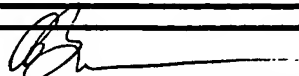
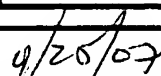
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		Number-Kind Code ² (if known)			
AS		US- 5,111,025	05/05/1992	Barma et al.	
		US- 5,132,840	07/21/1992	Okada et al.	
		US- 5,155,625	10/13/1992	Komatsu et al.	
		US- 5,181,006	01/19/1993	Shafe et al.	
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		US- 5,418,025	05/23/1995	Harmand et al.	
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		US- 5,475,530	12/12/1995	Fujie et al.	
		US- 5,594,585	01/14/1997	Komatsu	
		US- 5,702,565	12/30/1997	Wu et al.	
		US- 5,716,536	02/10/1998	Yokoto et al.	
AS		US- 5,719,378	02/17/1998	Jackson, Jr. et al.	

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Sheet 3 of 4**Complete if Known**

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		US- 5,731,569	03/24/1998	Crescenzo	
		US- 5,824,996	10/20/1998	Kochman et al.	
		US- 5,902,505	05/11/1999	Finley	
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		US- 5,921,100	07/13/1999	Yoshinori et al.	
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		US- 6,294,758	09/25/2001	Masao et al.	
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		US- 6,369,369	04/09/2002	Kochman et al.	
		US- 6,392,195	05/21/2002	Zhao et al.	
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AS		US- 6,433,317	08/13/2002	Arx et al.	
		US- 6,455,823	09/24/2002	Bulgajewski et al.	
		US- 6,495,799	12/17/2002	Pillsbury et al.	
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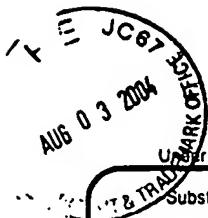
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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		WO 2004/001775 A1	12/31/2003	Matshushita Electric Industrial Co., Ltd.		X

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First Named Inventor

Shaun Calvin Howick

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AS		JP 2003-217903	07/31/2003	Susumu Co. Ltd.		X
		JP 2003-109804	04/11/2003	Matsushita Electric Ind. Co. Ltd.		X
11		JP 2003-217904	07/31/2003	Matsushita Electric Ind. Co. Ltd.		X
11		JP 2003-217902	07/31/2003	Matsushita Electric Ind. Co. Ltd.		X
AS		EP 0 356 087 B1	09/28/1994	Illinois Tool Works Inc.		

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15		EP 1 132 028 A1	09/12/2001	Matsushita Electric Industrial Co., Ltd.		
15		EP 0 582 734 A1	02/16/1994	LEDA Logarithmic Electrical Devices		
15		EP 1 001 655 A2	05/17/2000	Illinois Tool Works Inc.		

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